

FIG. 1

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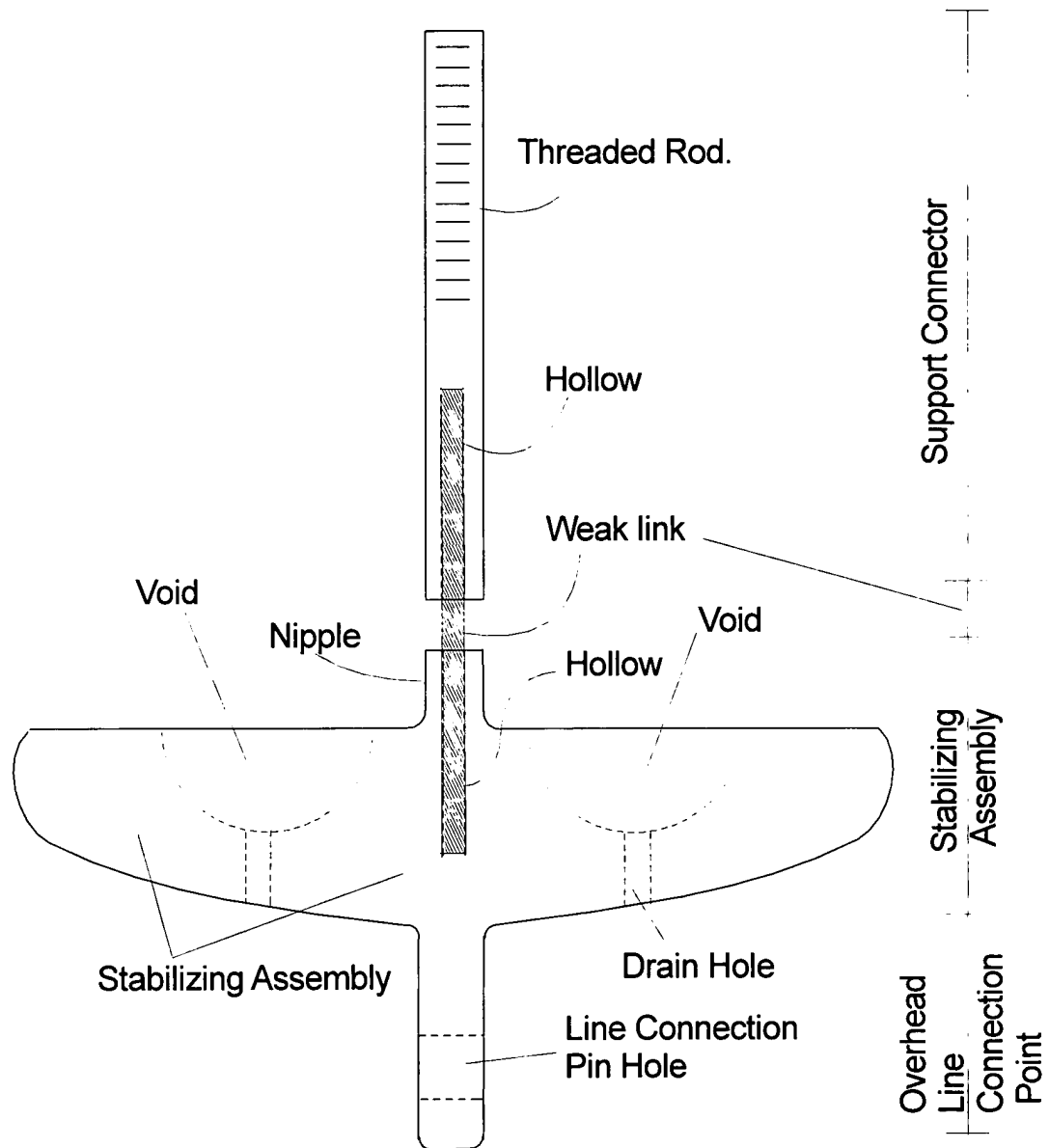


FIG. 2

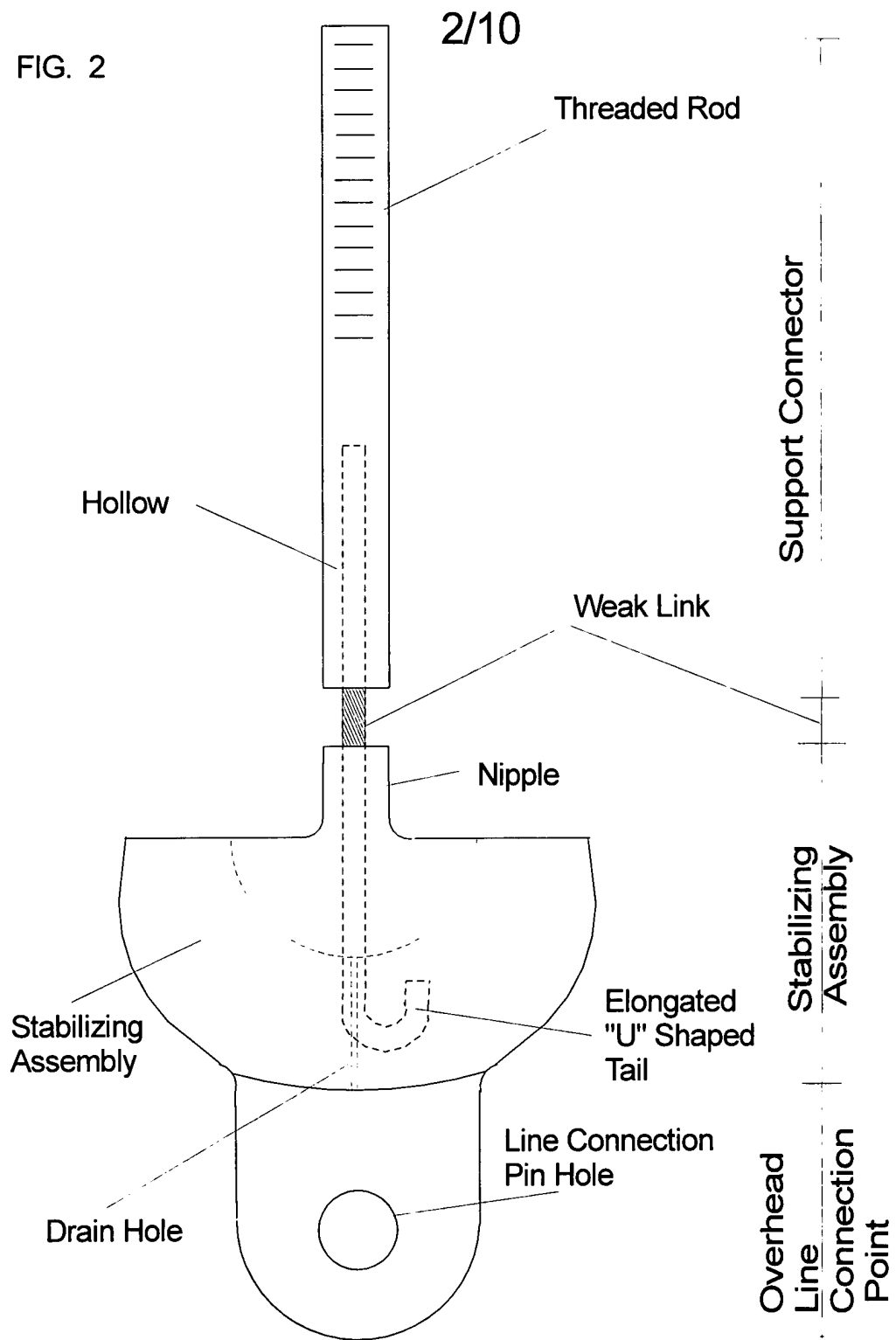


FIG. 3

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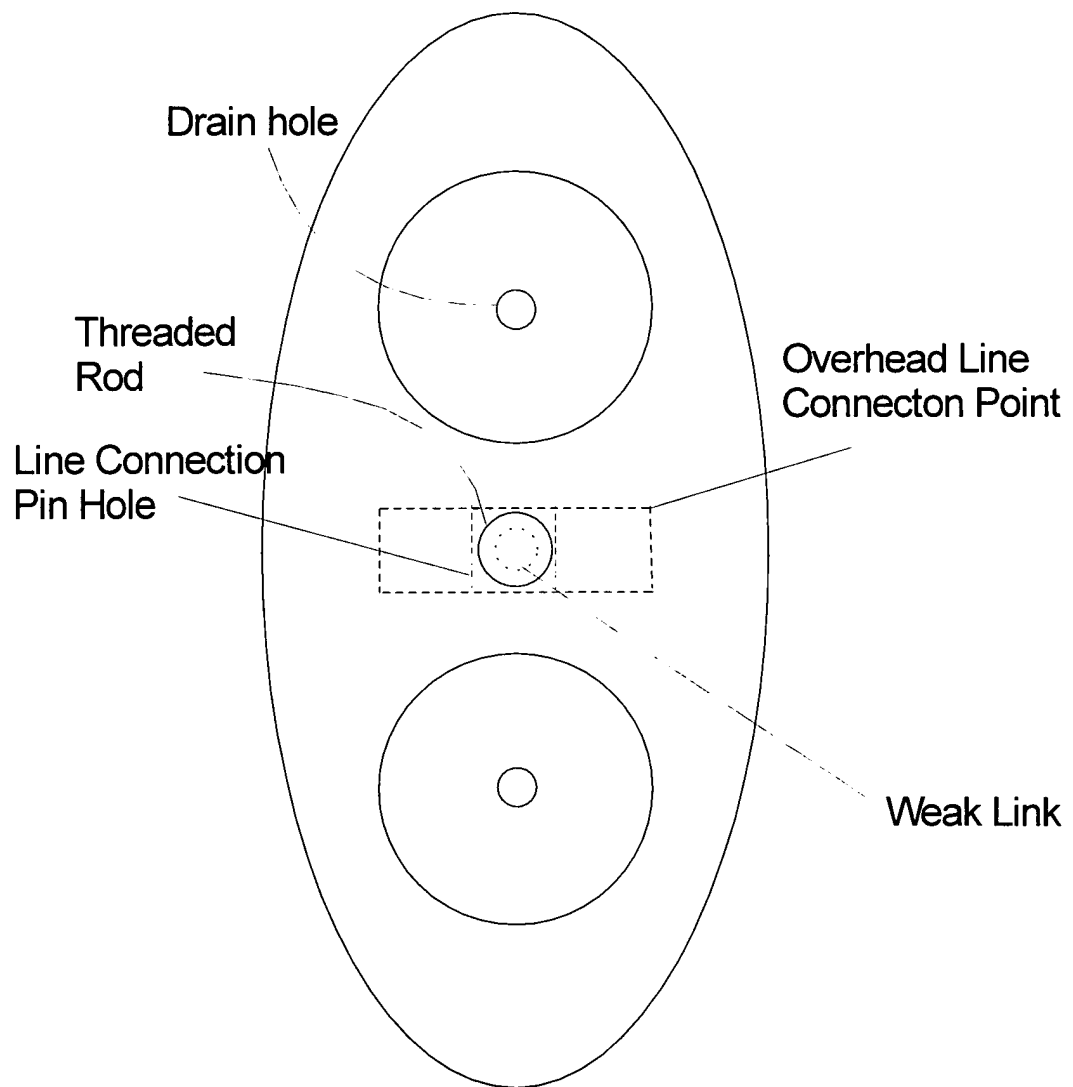


FIG. 4

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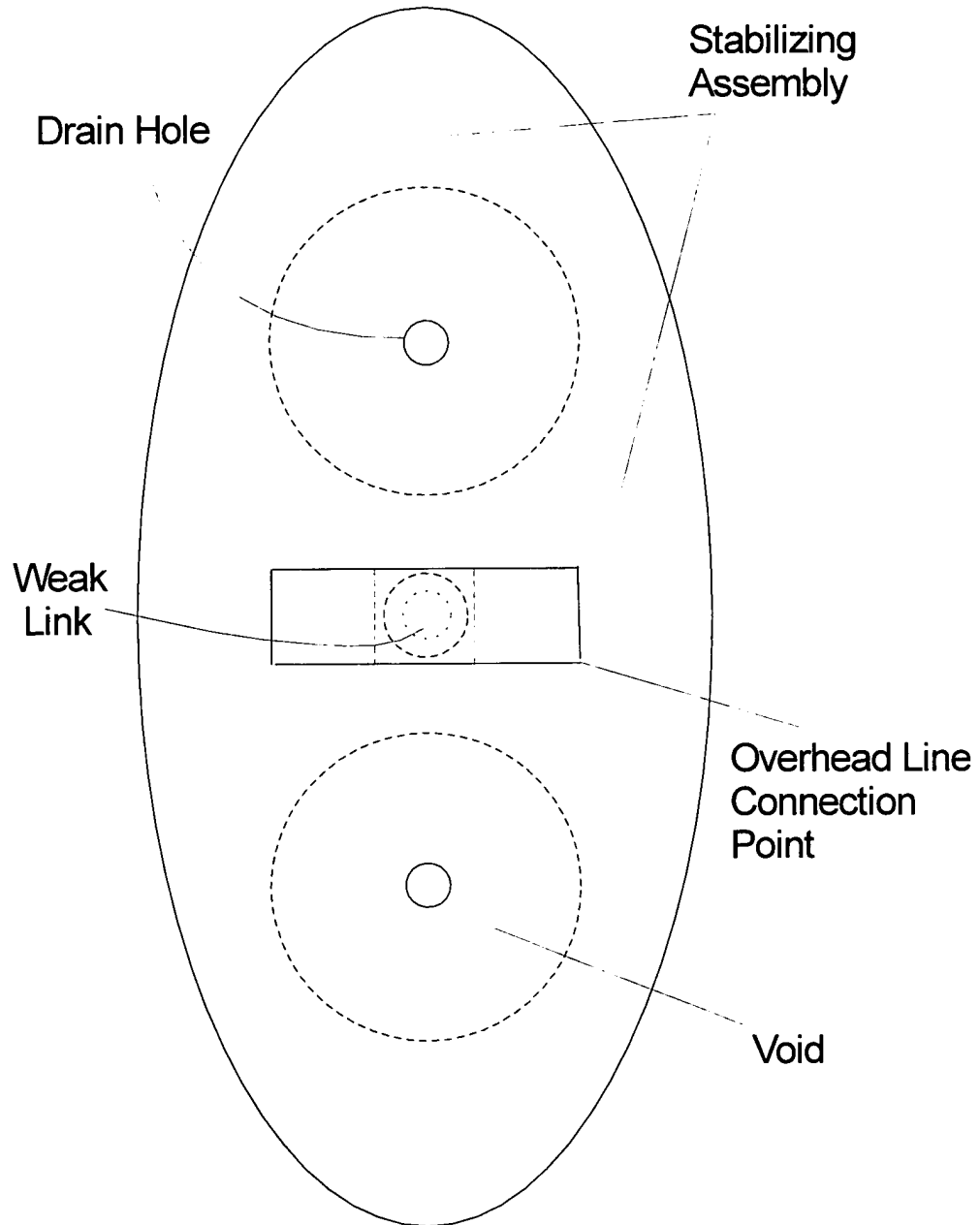
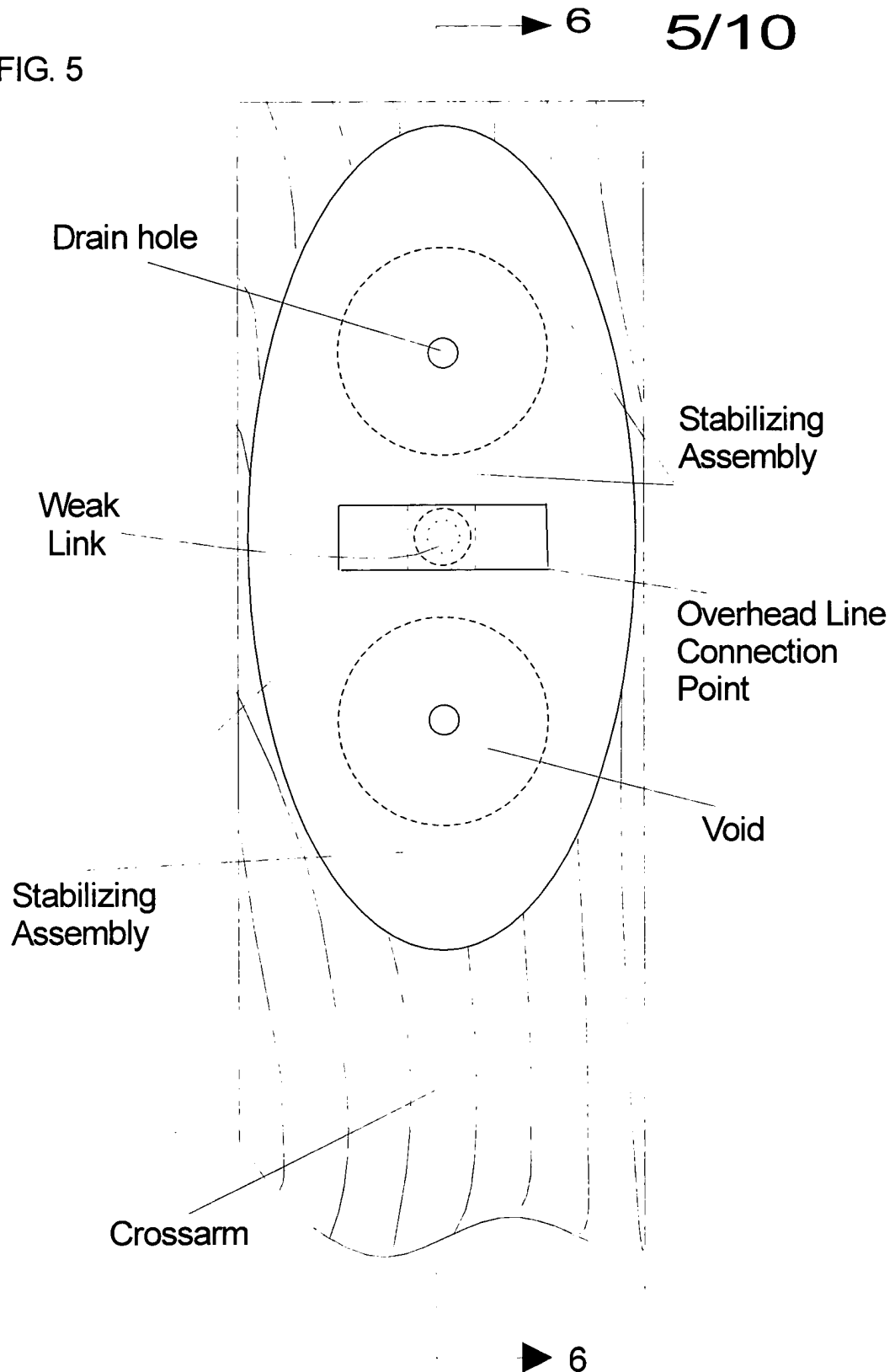


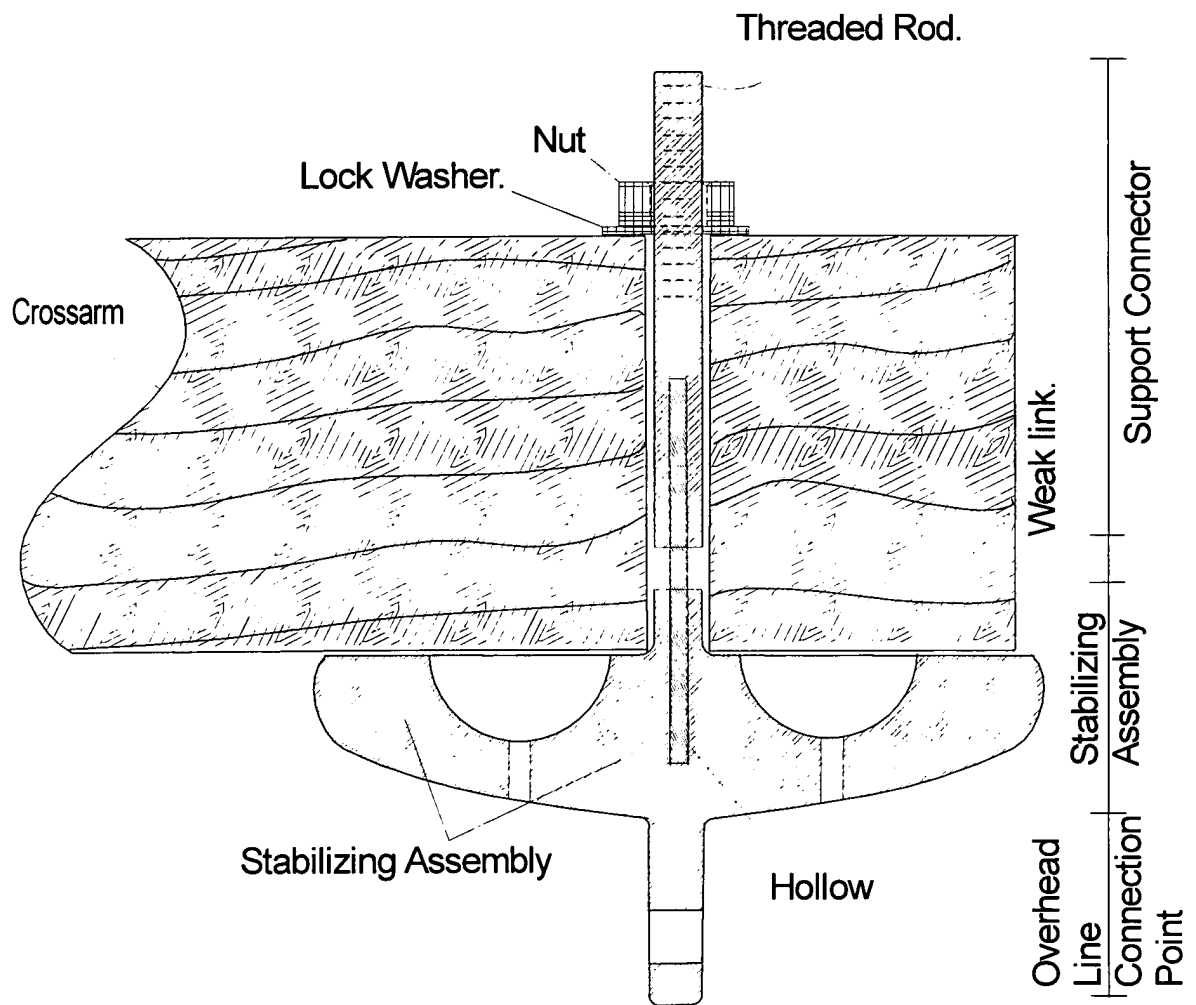
FIG. 5



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FIG. 6



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FIG. 7

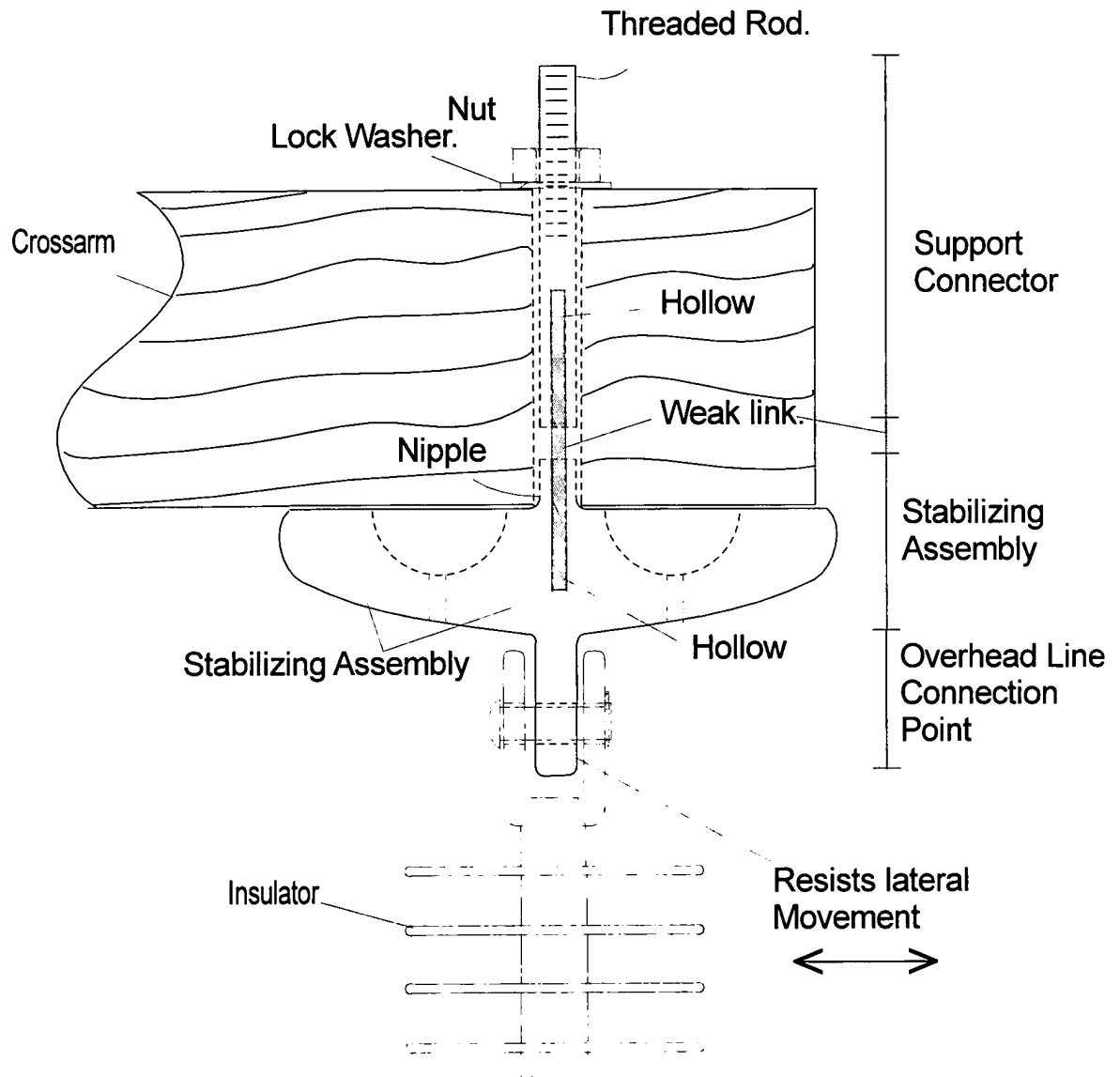


FIG. 8

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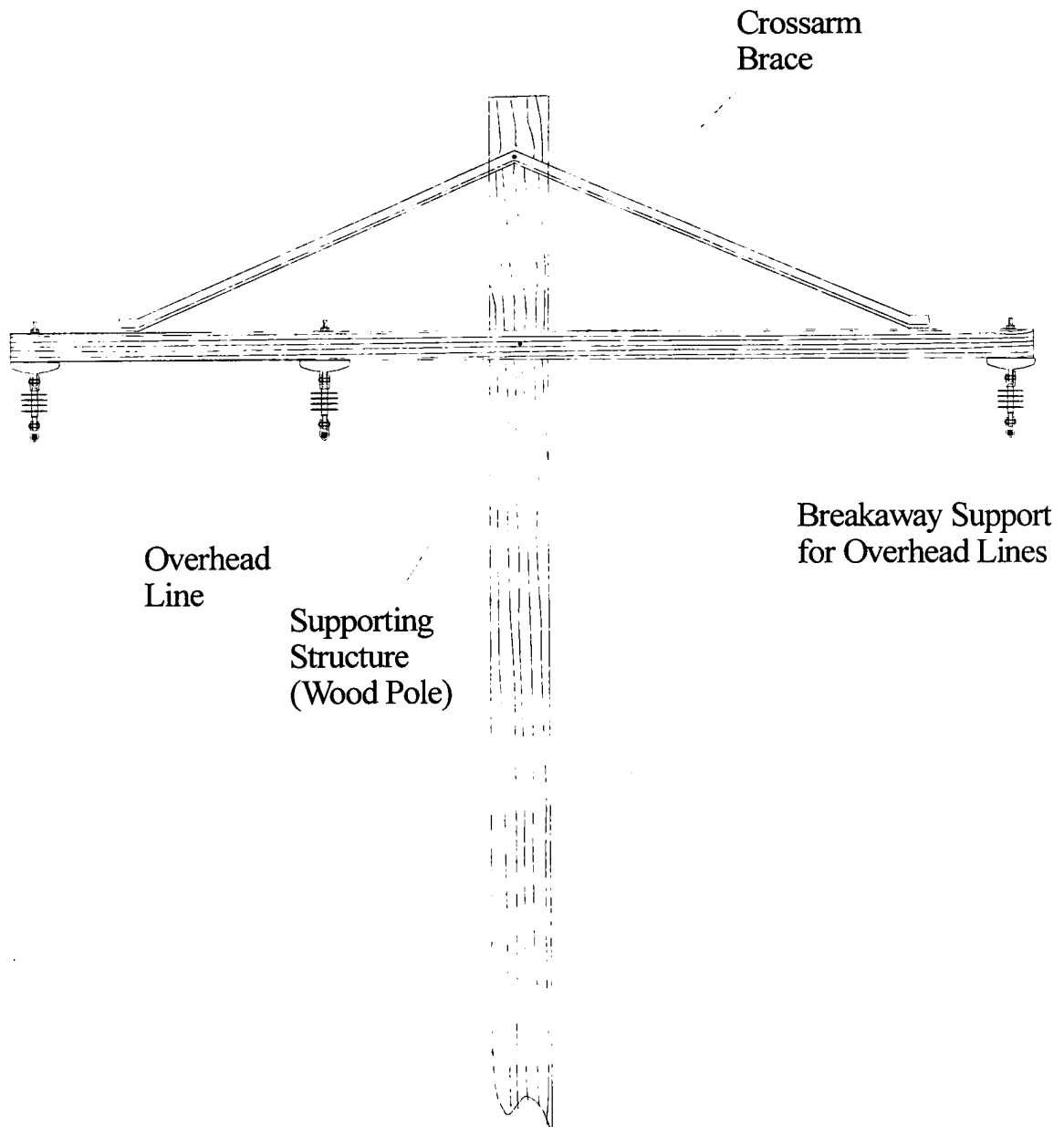


FIG. 9

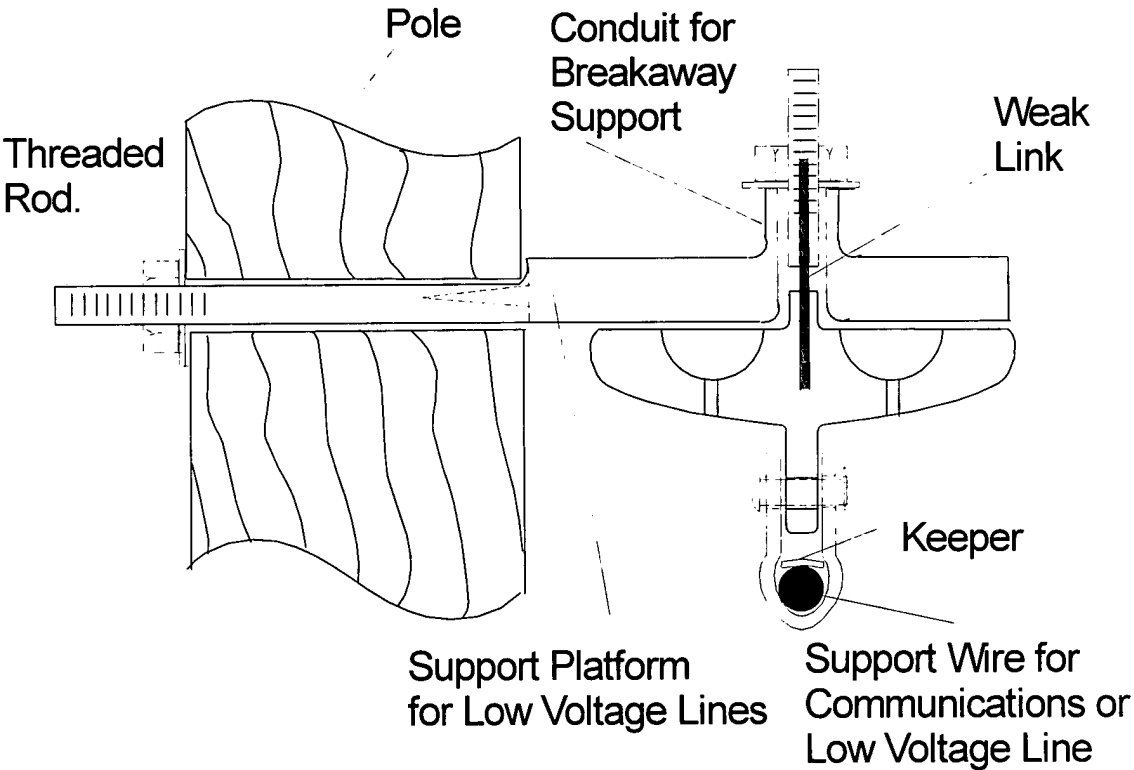
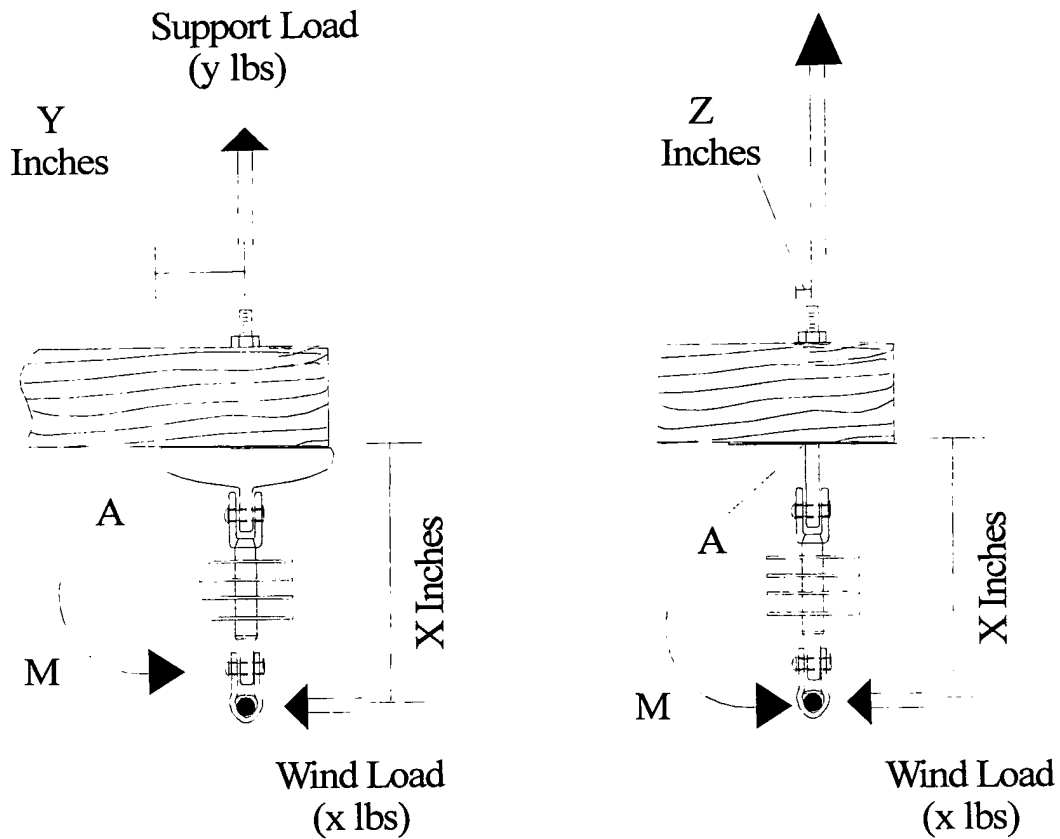


FIG. 10

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Moments taken at
Point A

Given: $Y'' = 5Z''$

Moment (M)

$$M = (X'')(x \text{ lbs}) = (Y'')(y \text{ lbs}) = (Z'')(z \text{ lbs})$$

If $Y = 5 Z$ then the load z is 5 times as much as the load y .